

Prior Art
Fig. 1

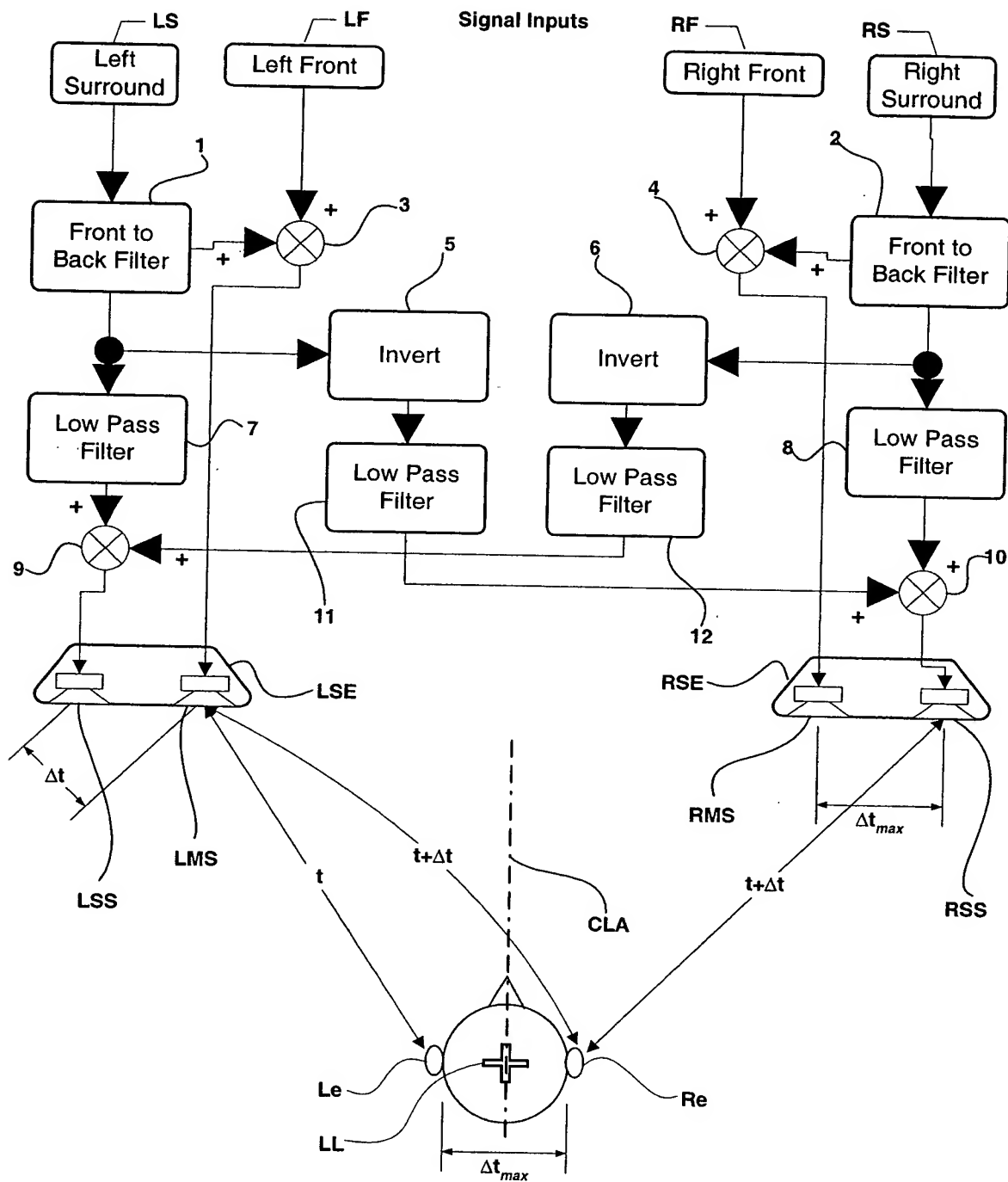


Fig. 2

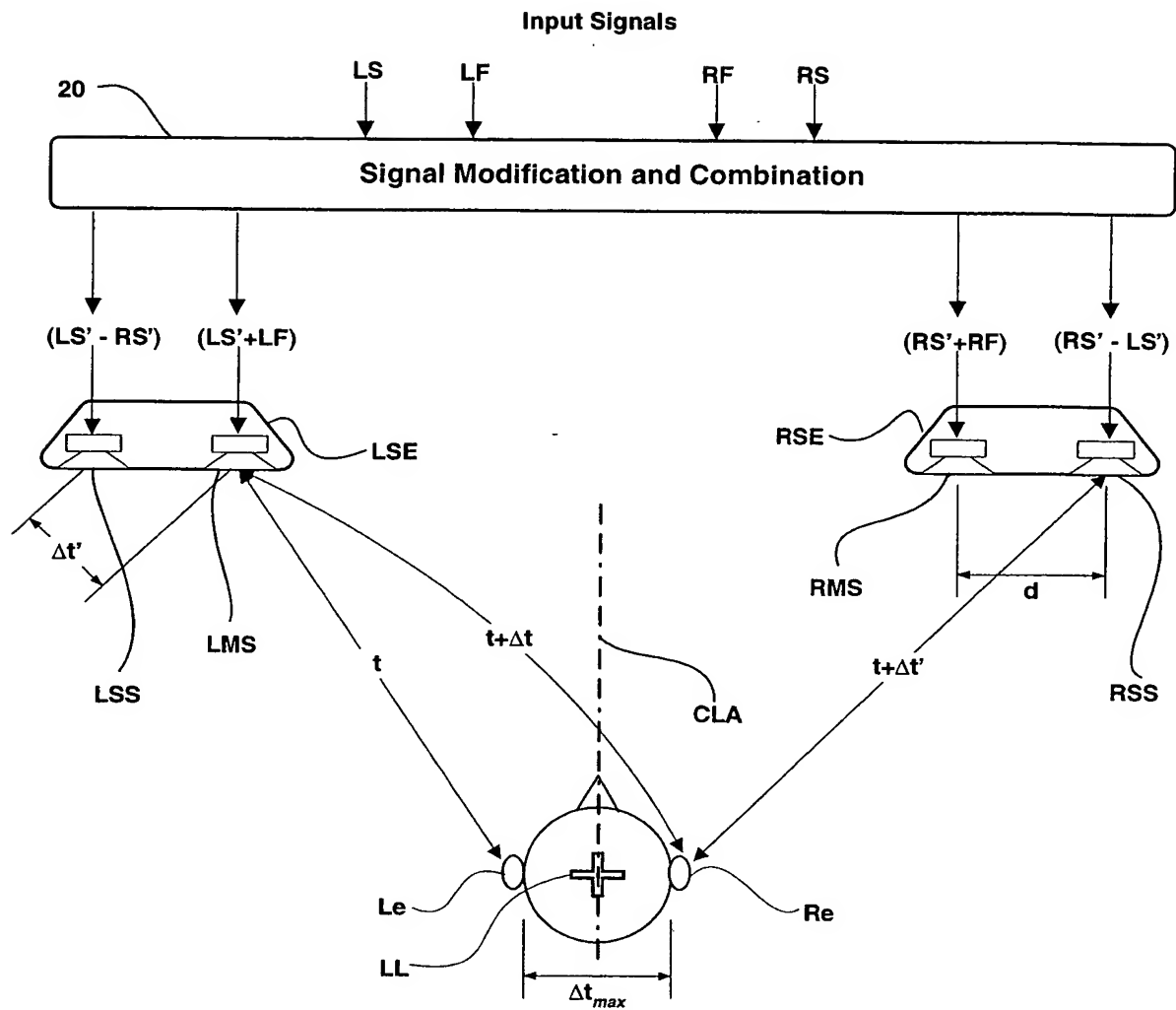


Fig. 2a

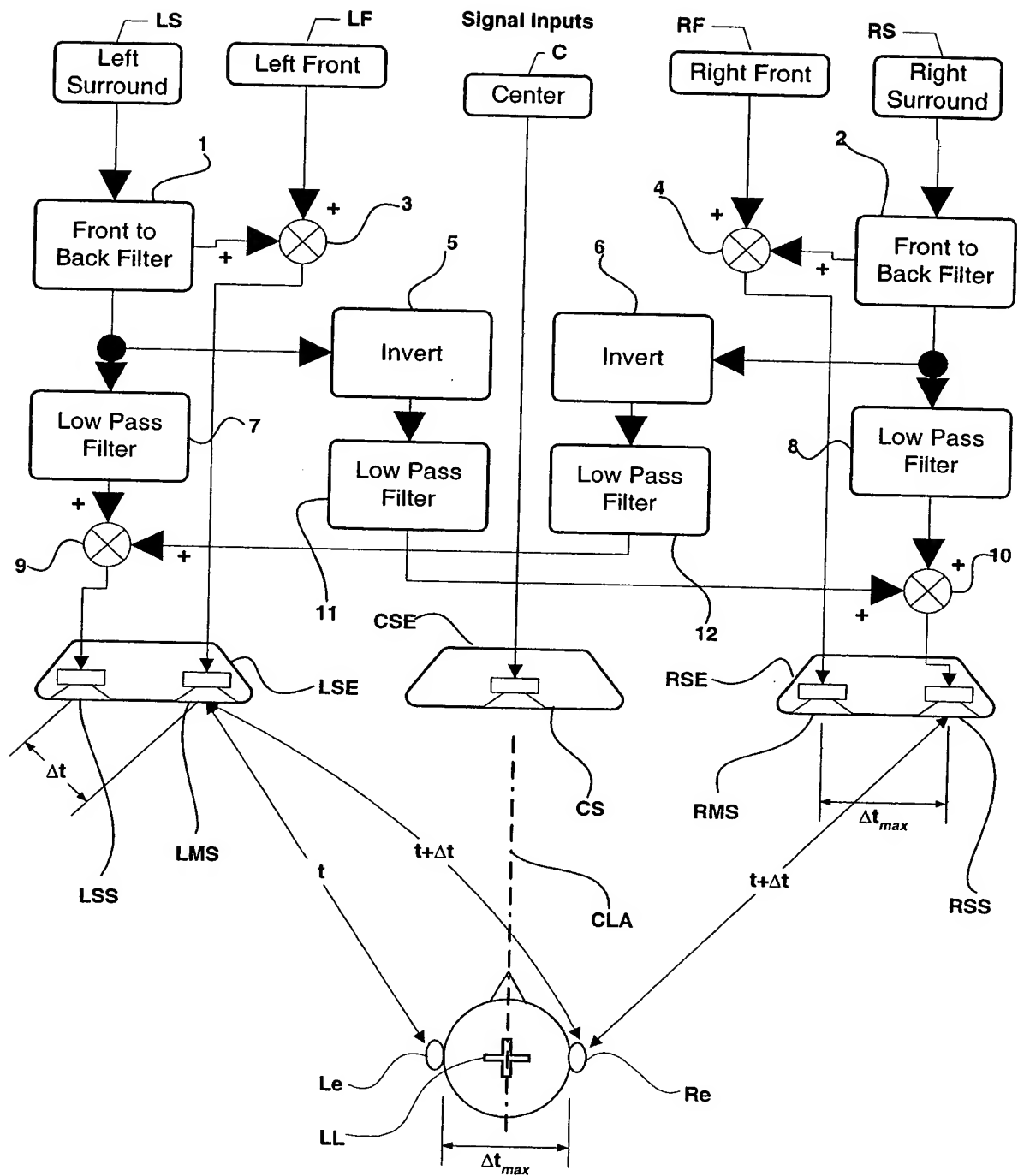


Fig. 2b

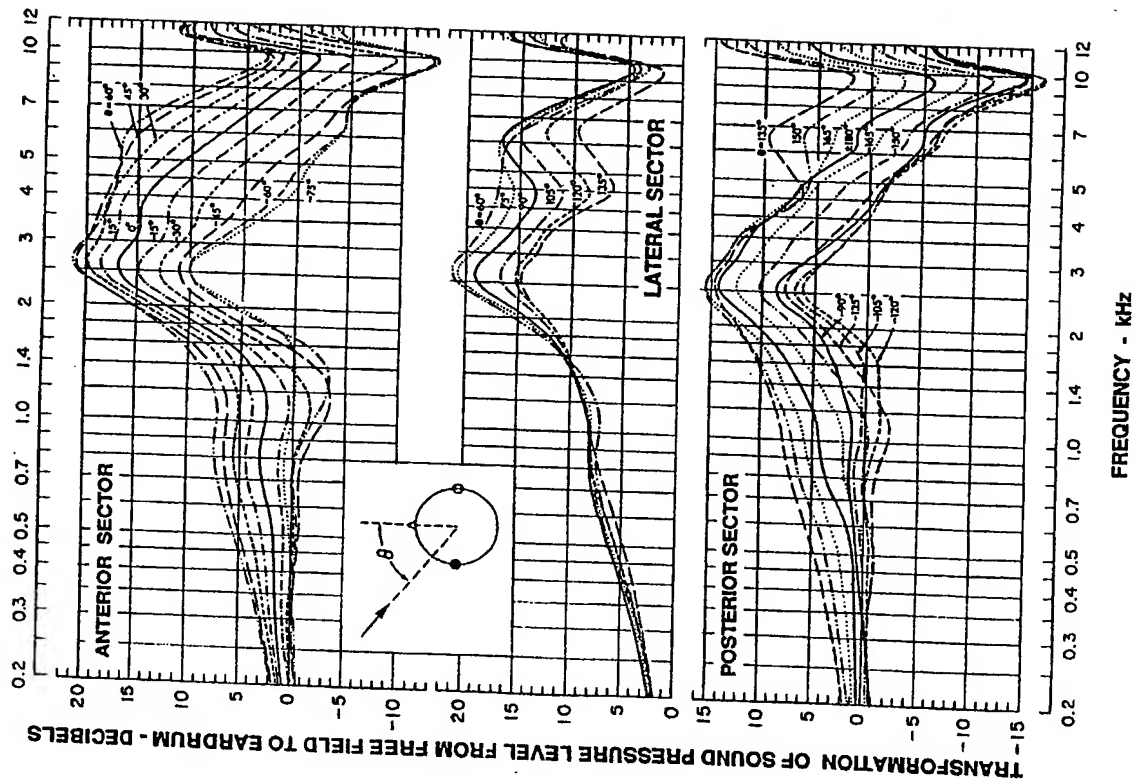


Fig. 2. Transformation of sound pressure level from the free field to the human eardrum in the horizontal plane as a function of frequency at 15° intervals of azimuth θ . Curves show average values based on data from 12 studies. (After Ref. 6).

Fig. 3

Fig. 4
Near Ear - Front to Back Frequency Response Differences

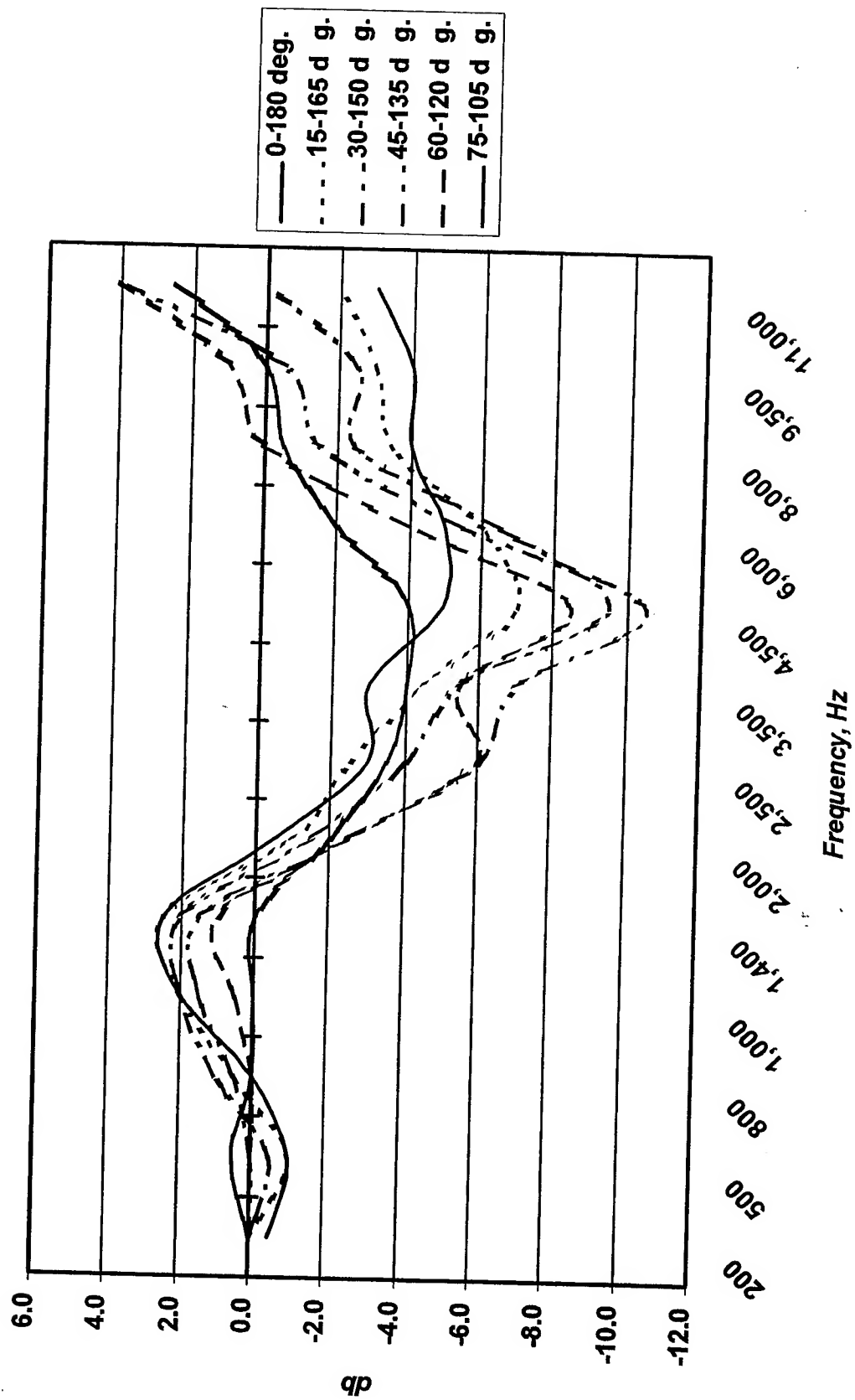


Fig. 5

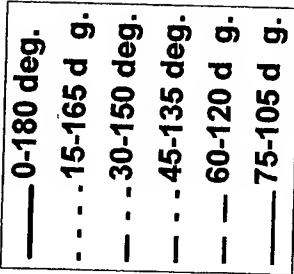
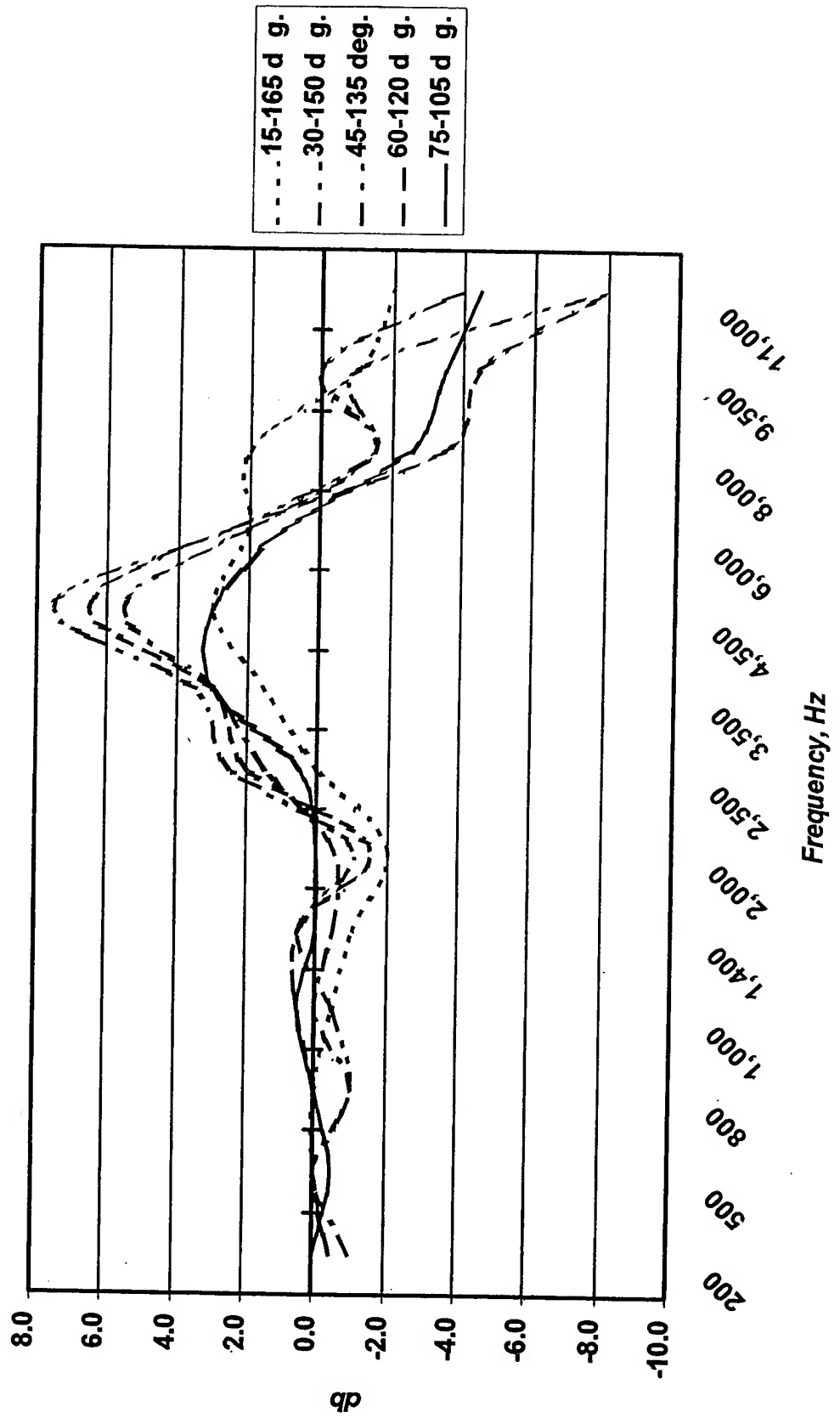


Fig. 6
Front to Back Frequency Response Differences
Far Ear vs Near Ear



Signal Inputs

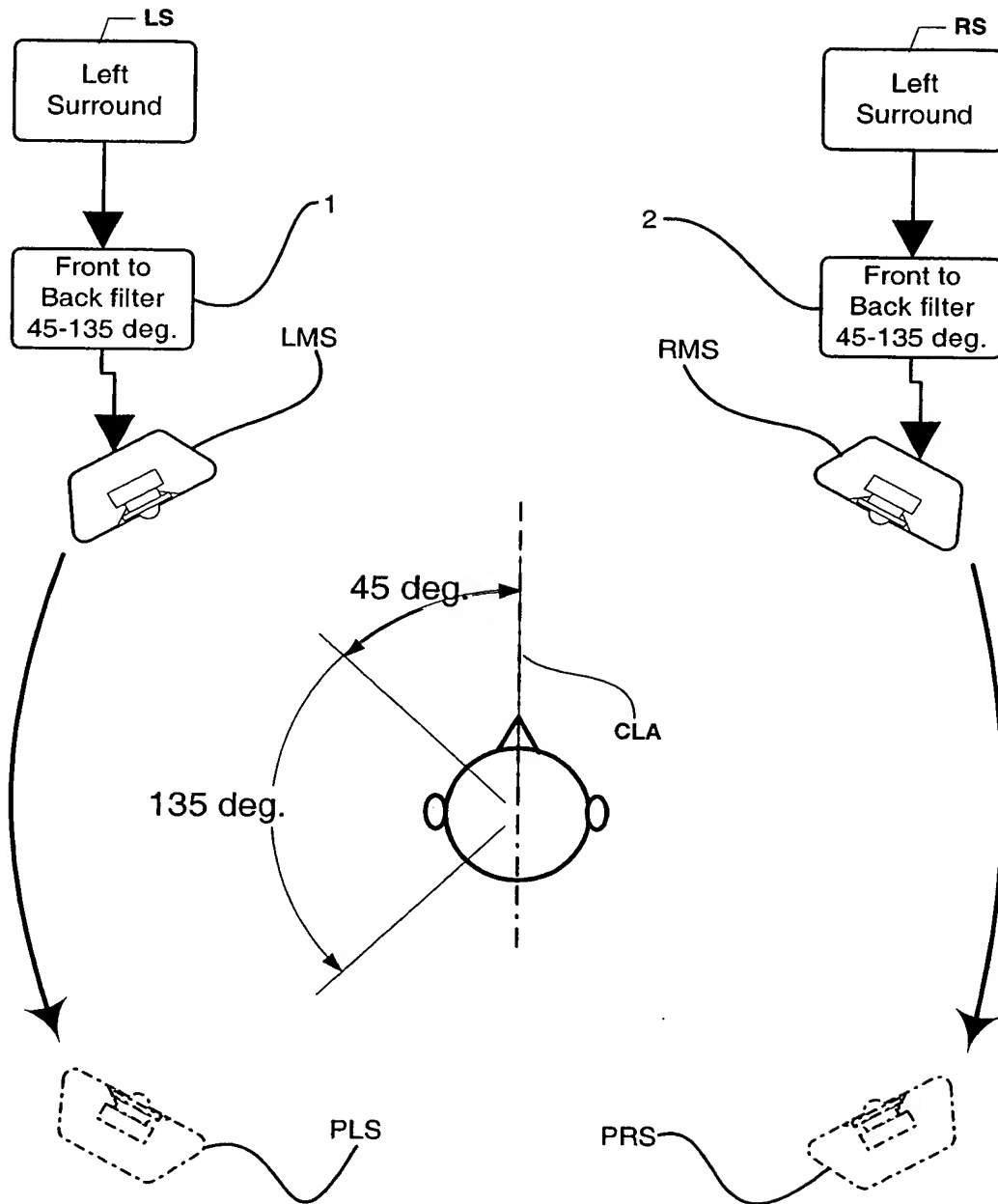


Fig. 7

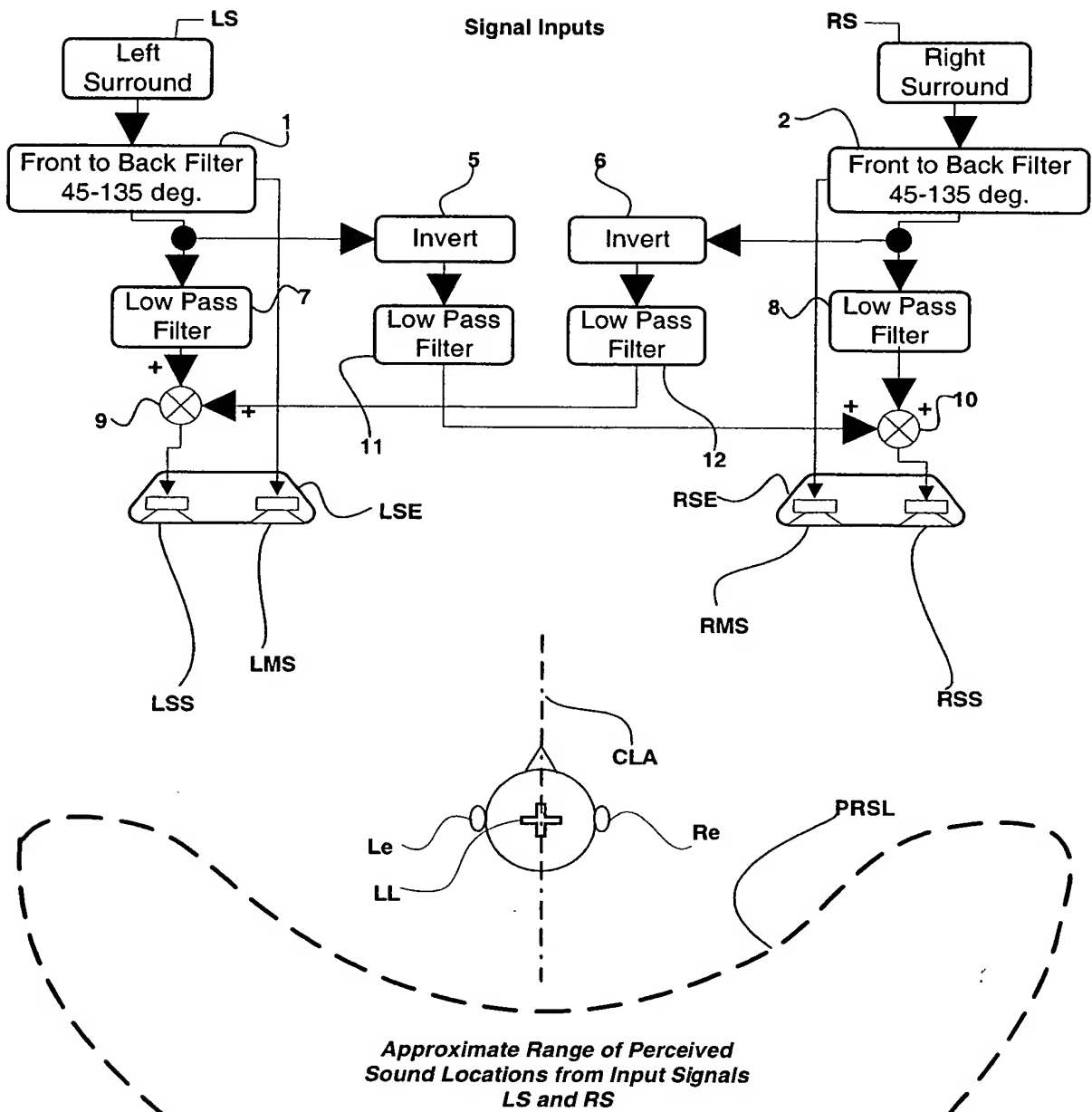
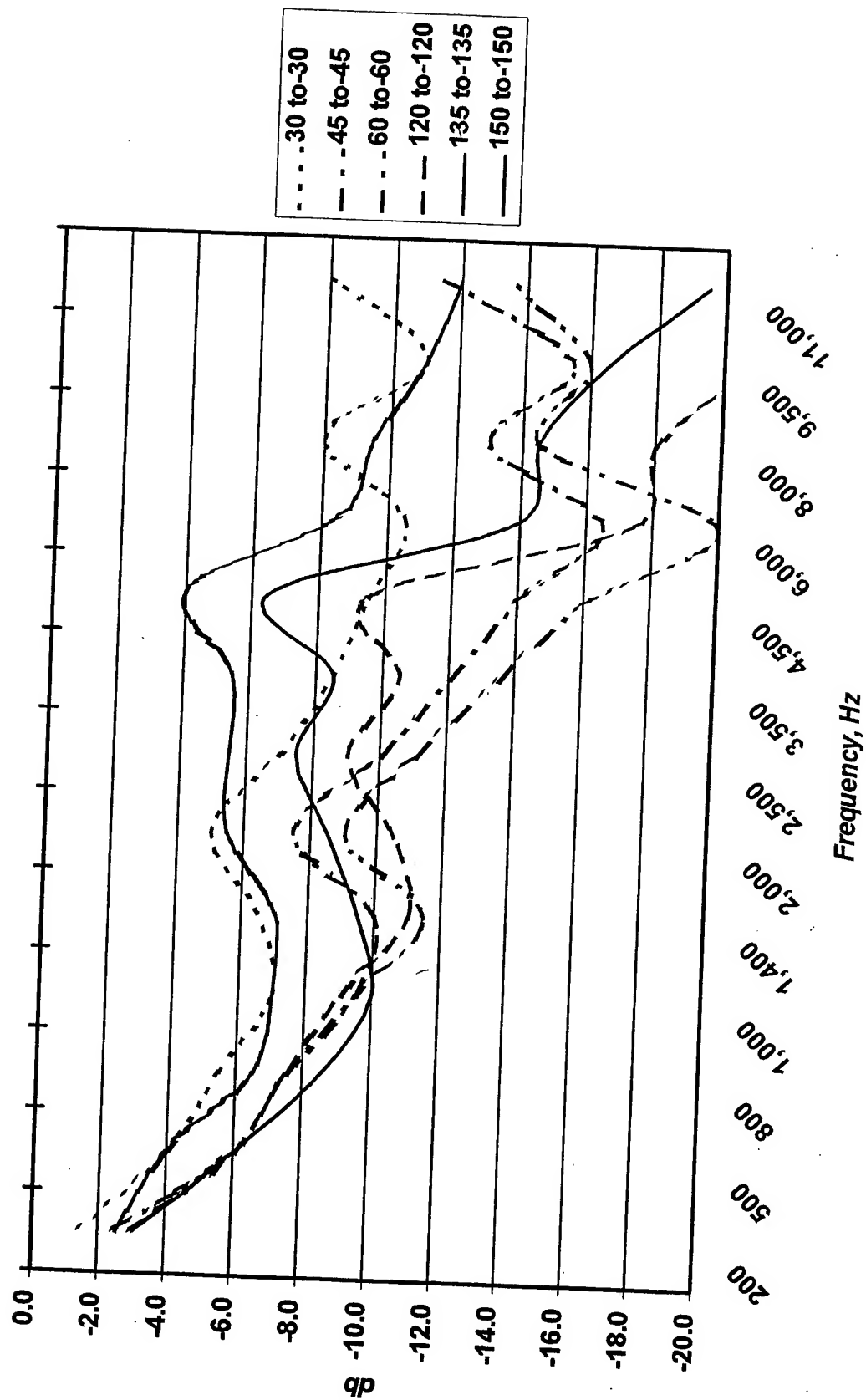


Fig. 8

Fig. 9
Left to Right Frequency Response Differences



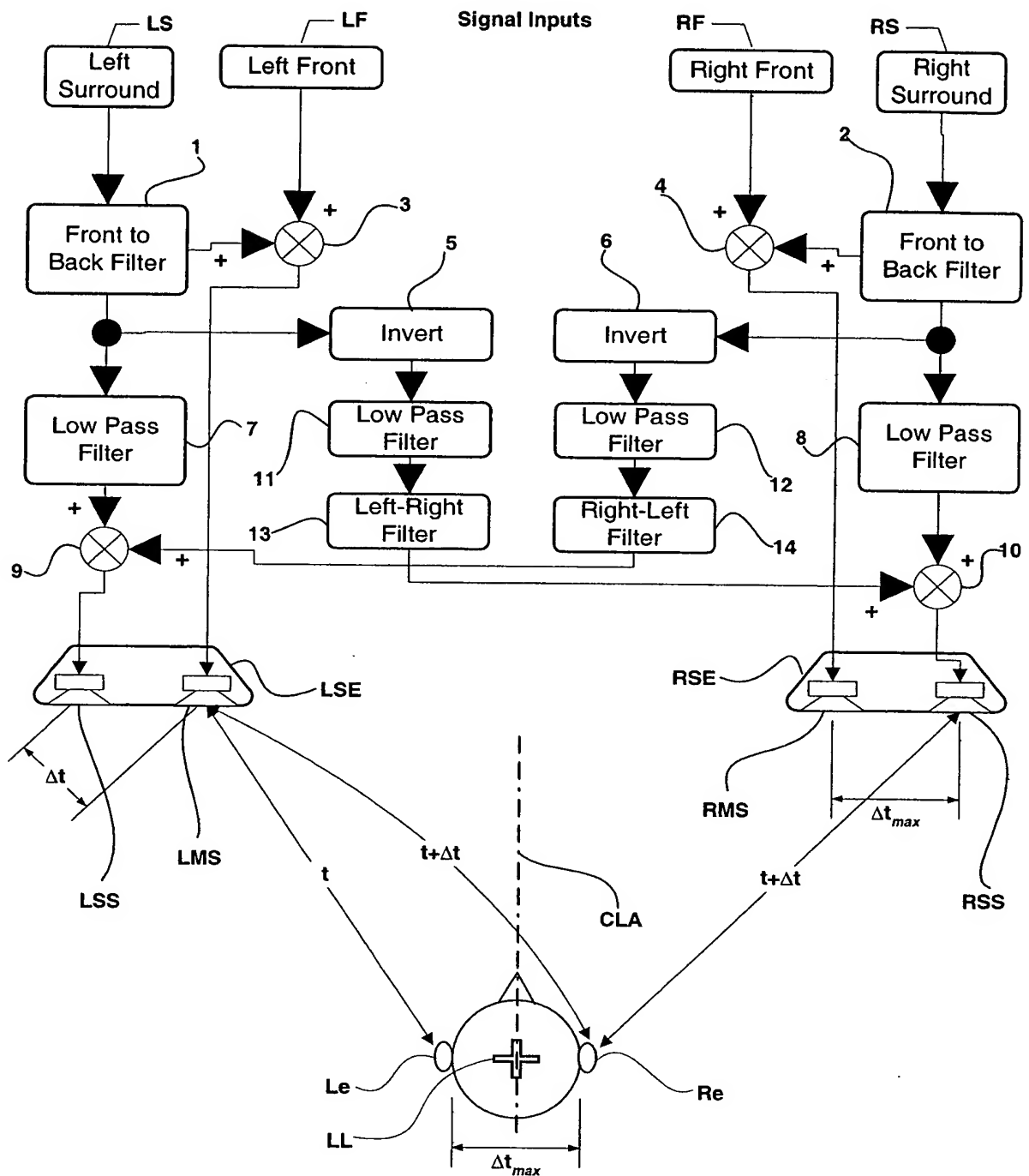


Fig. 10

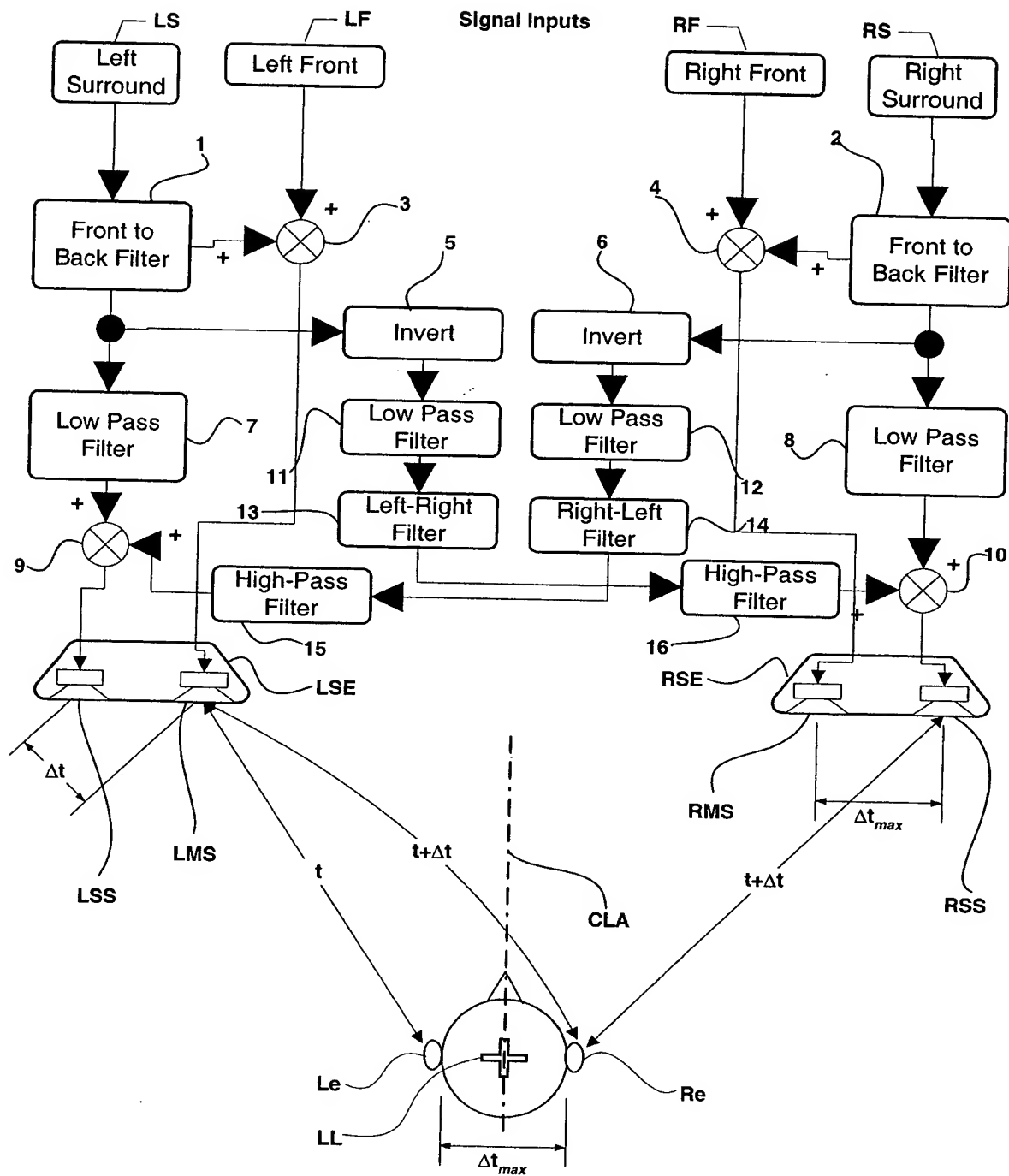


Fig. 11

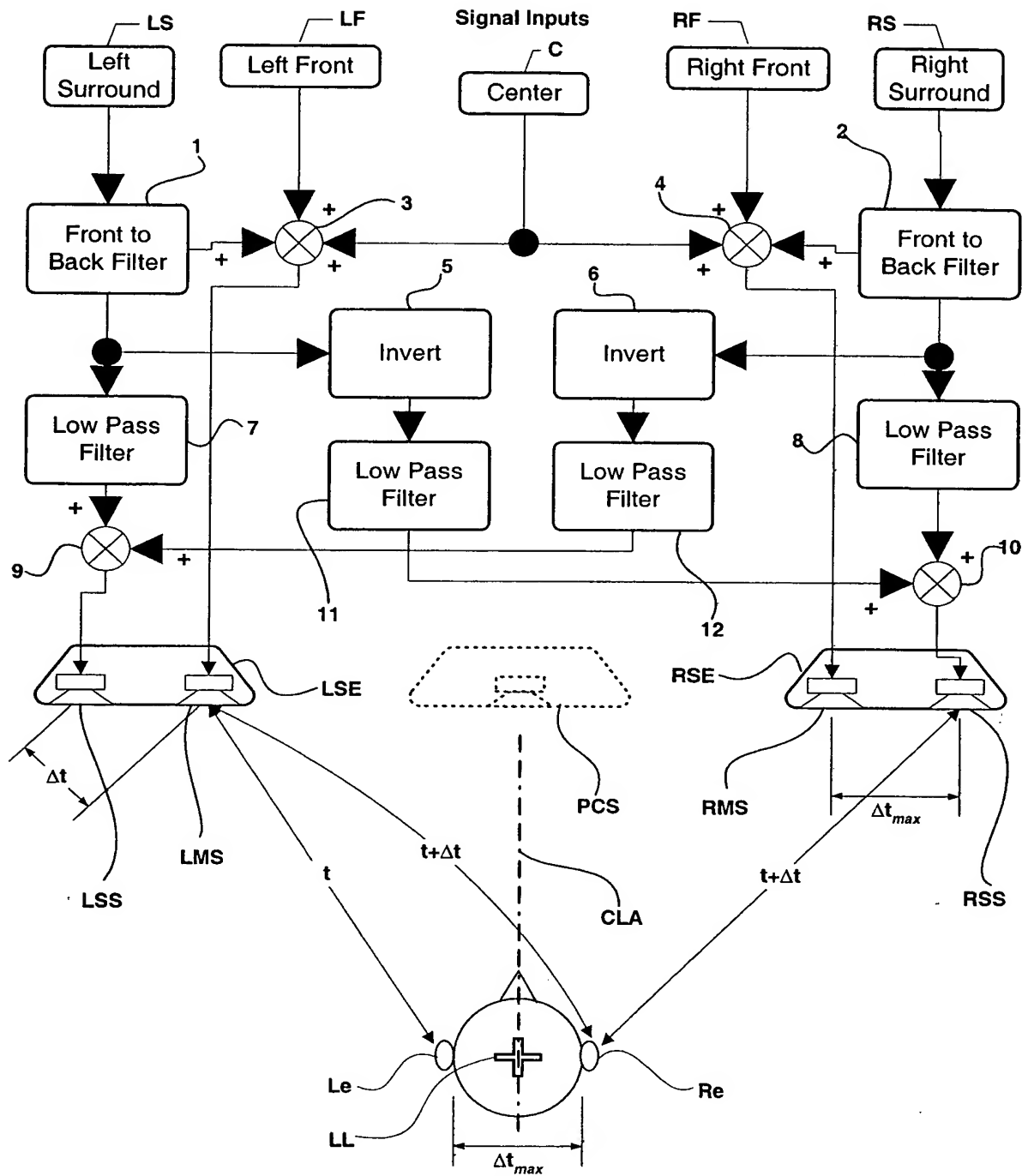


Fig. 12

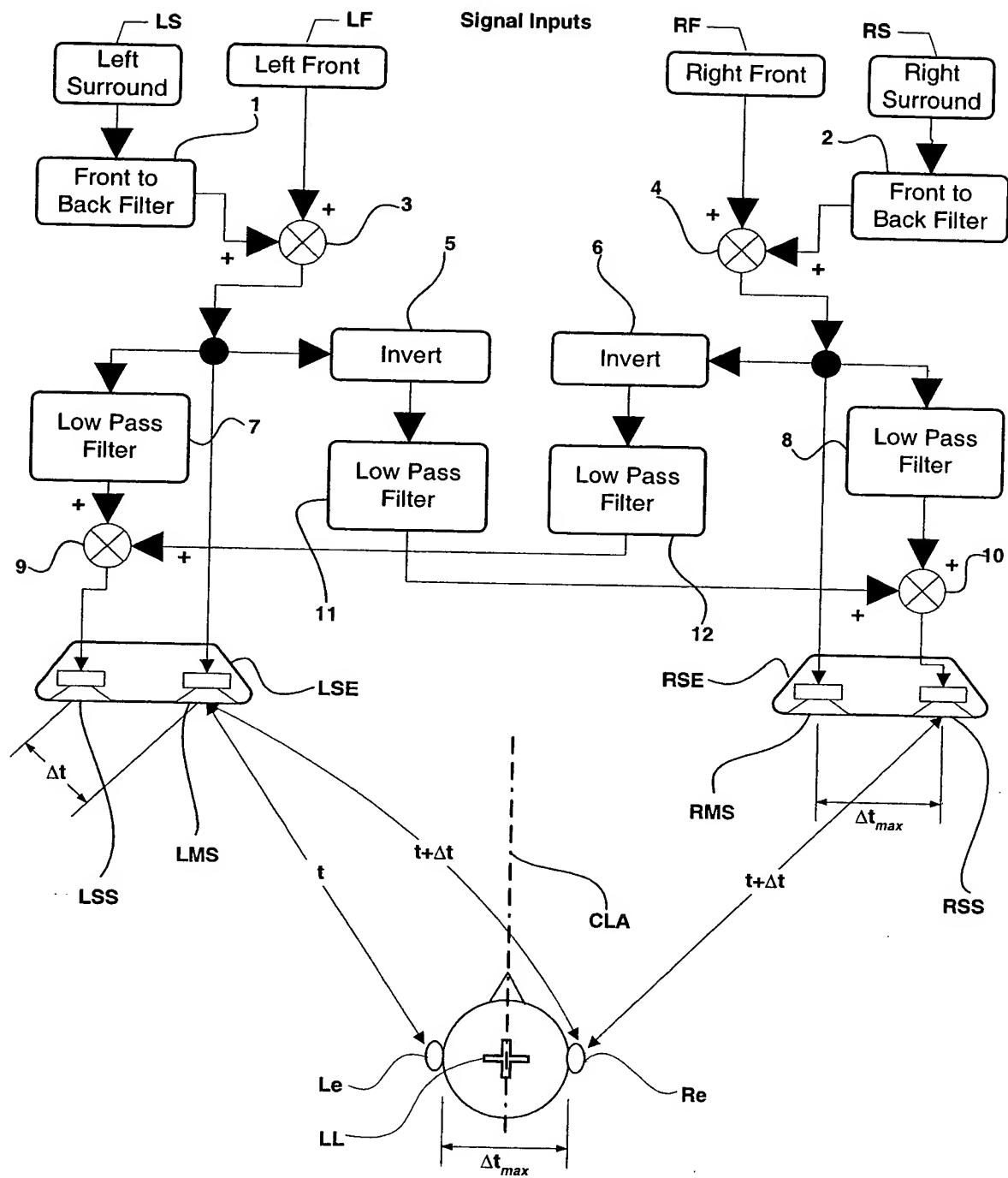


Fig. 13

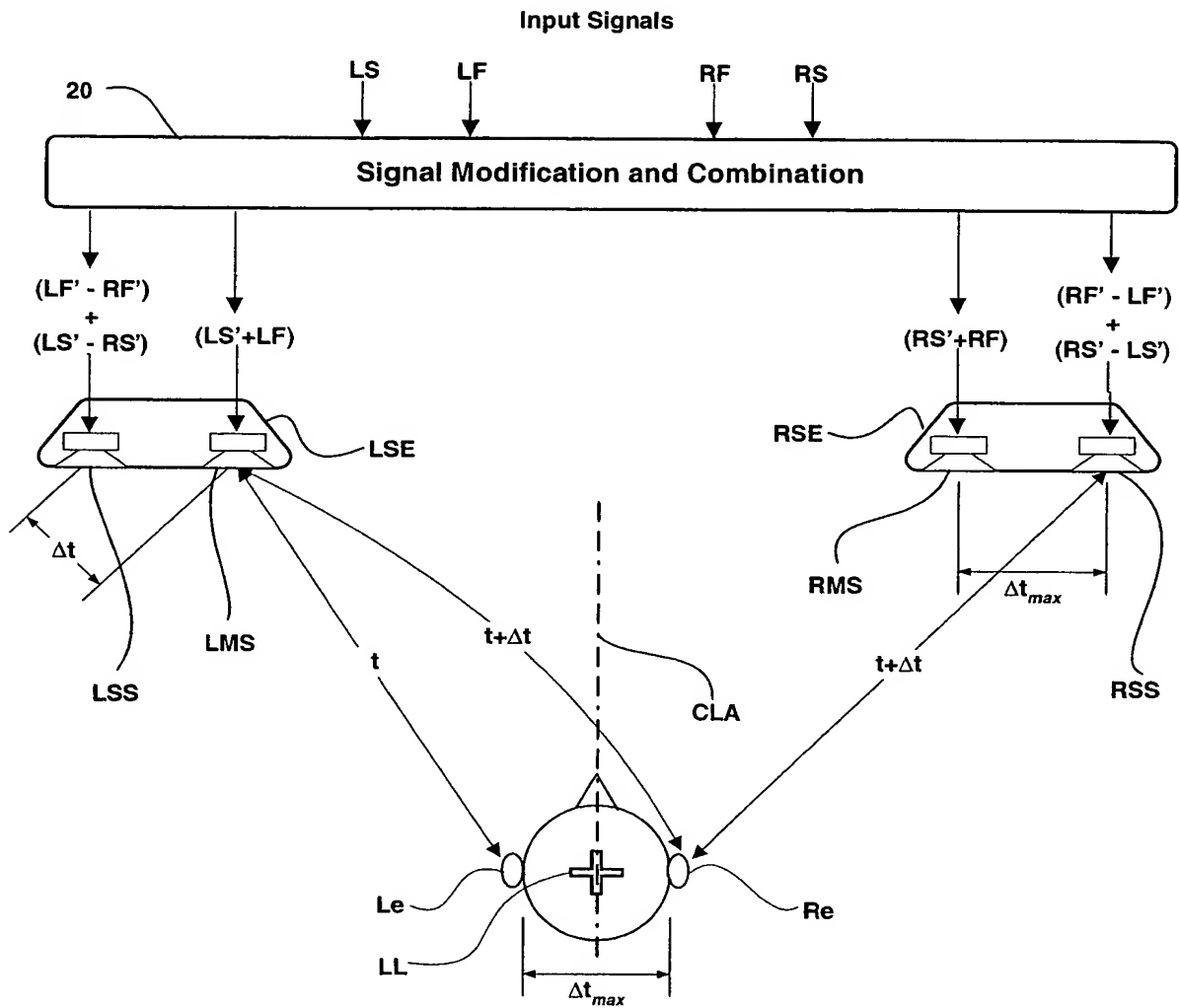


Fig. 13a

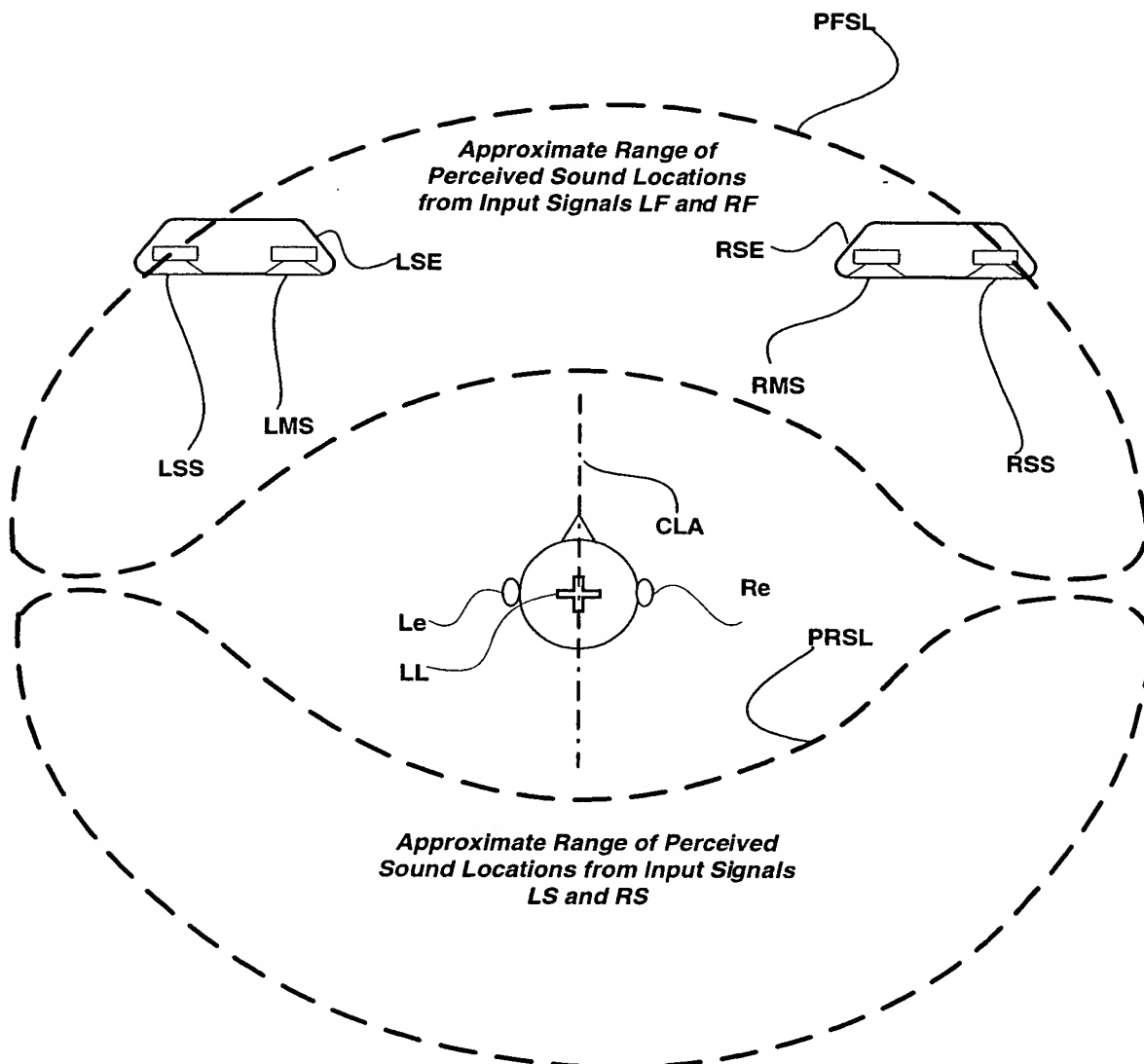


Fig. 14

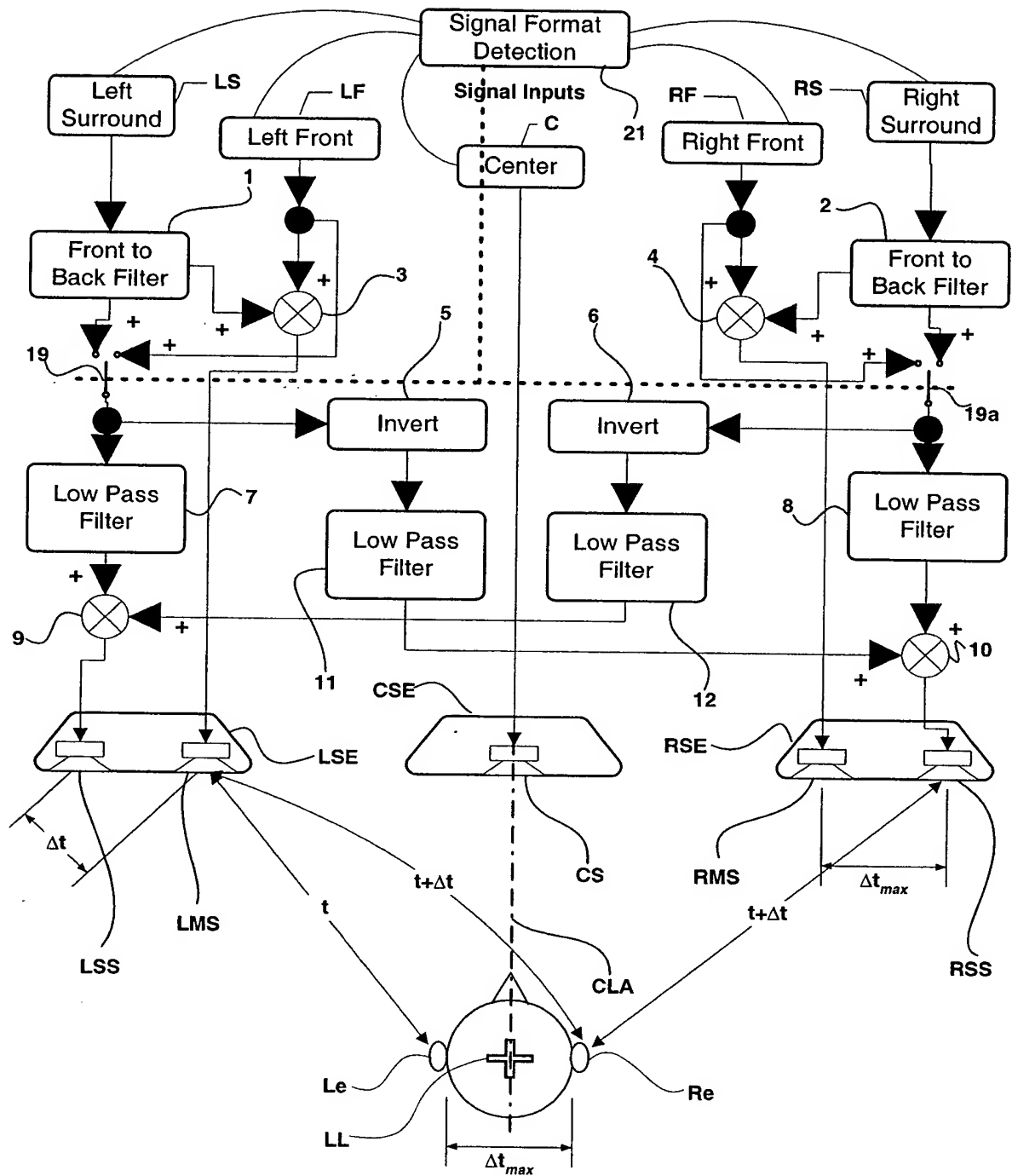


Fig. 15

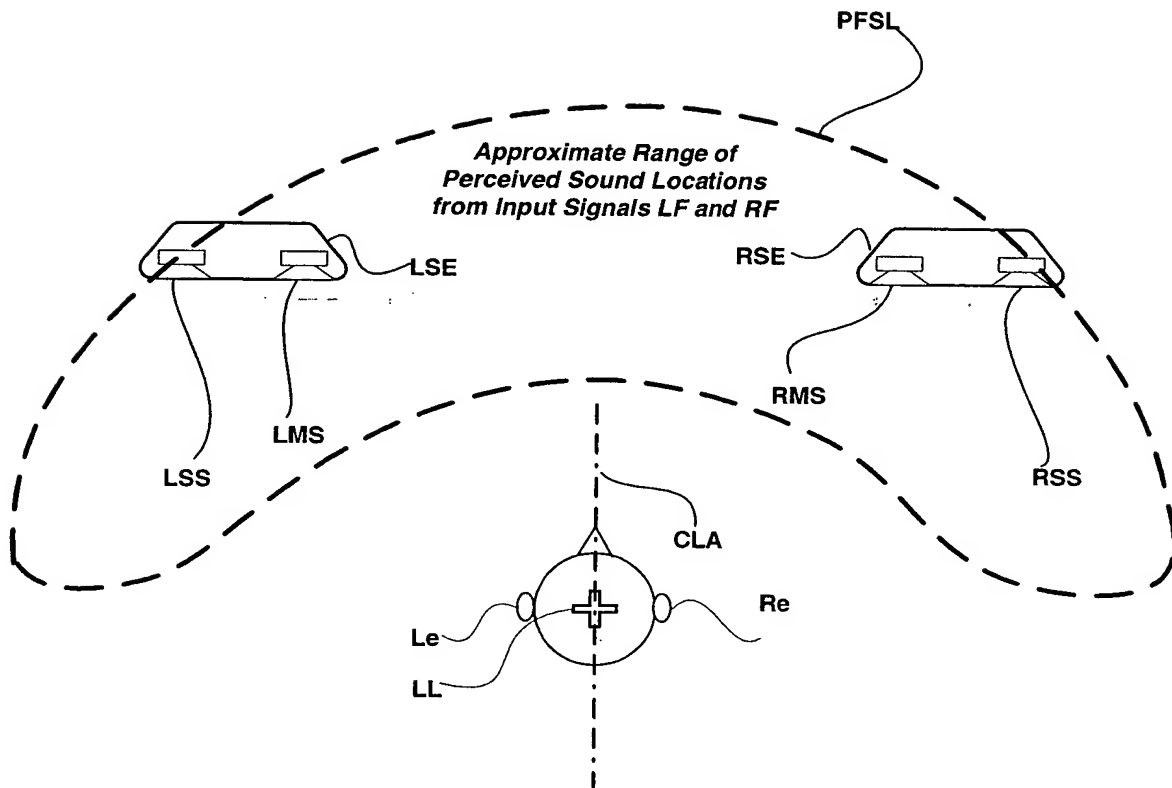


Fig. 16

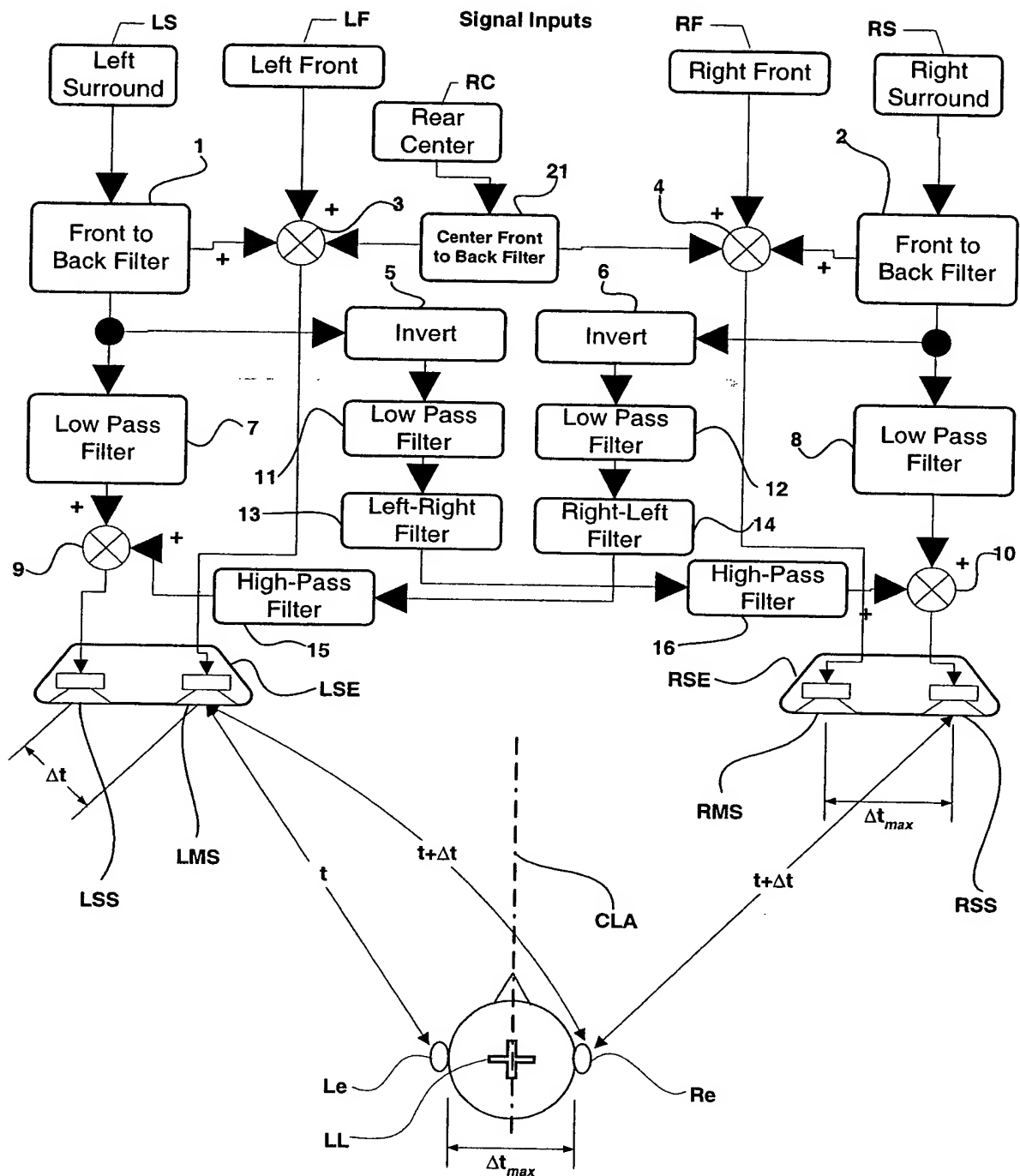


Fig. 17

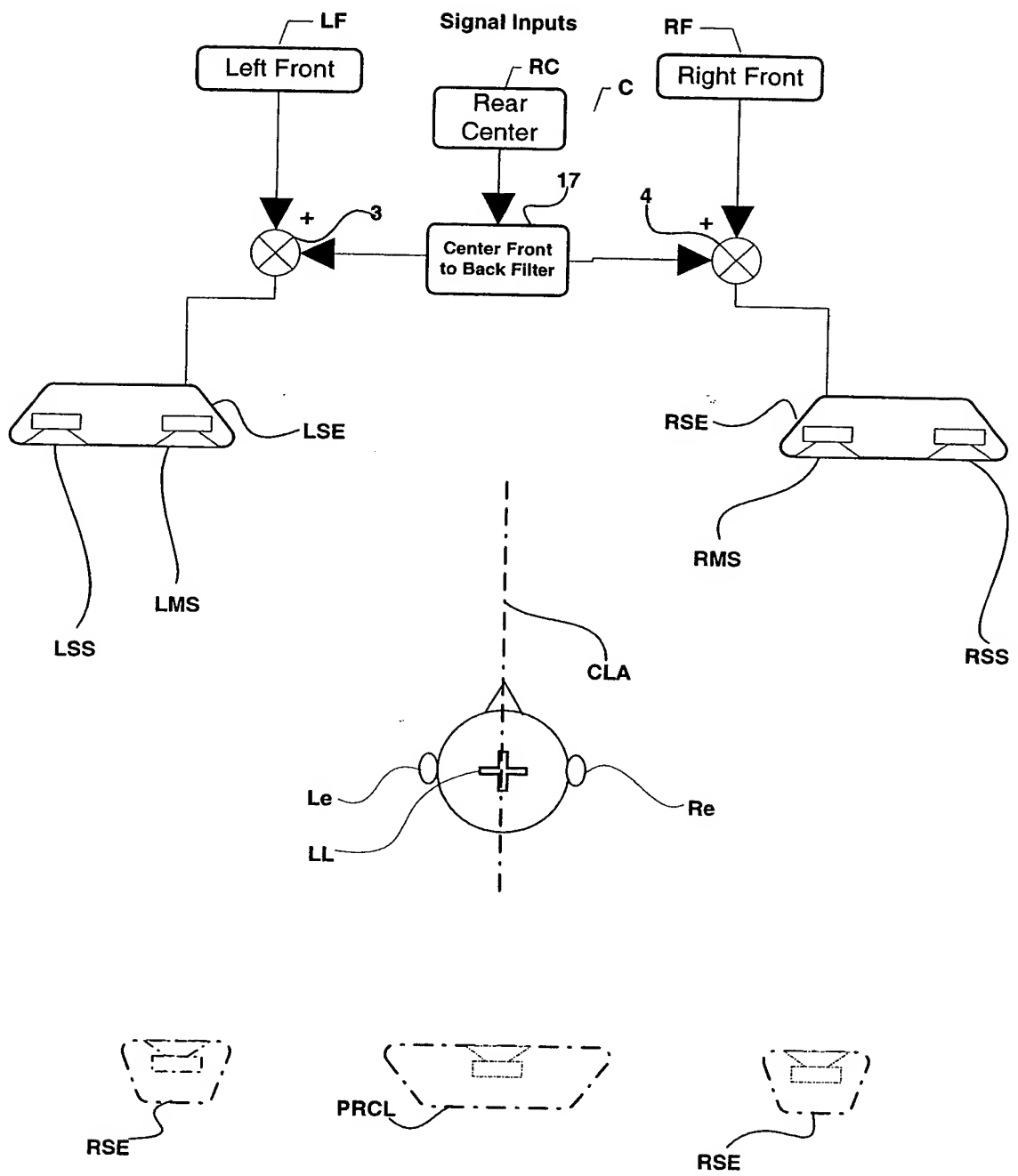


Fig. 18

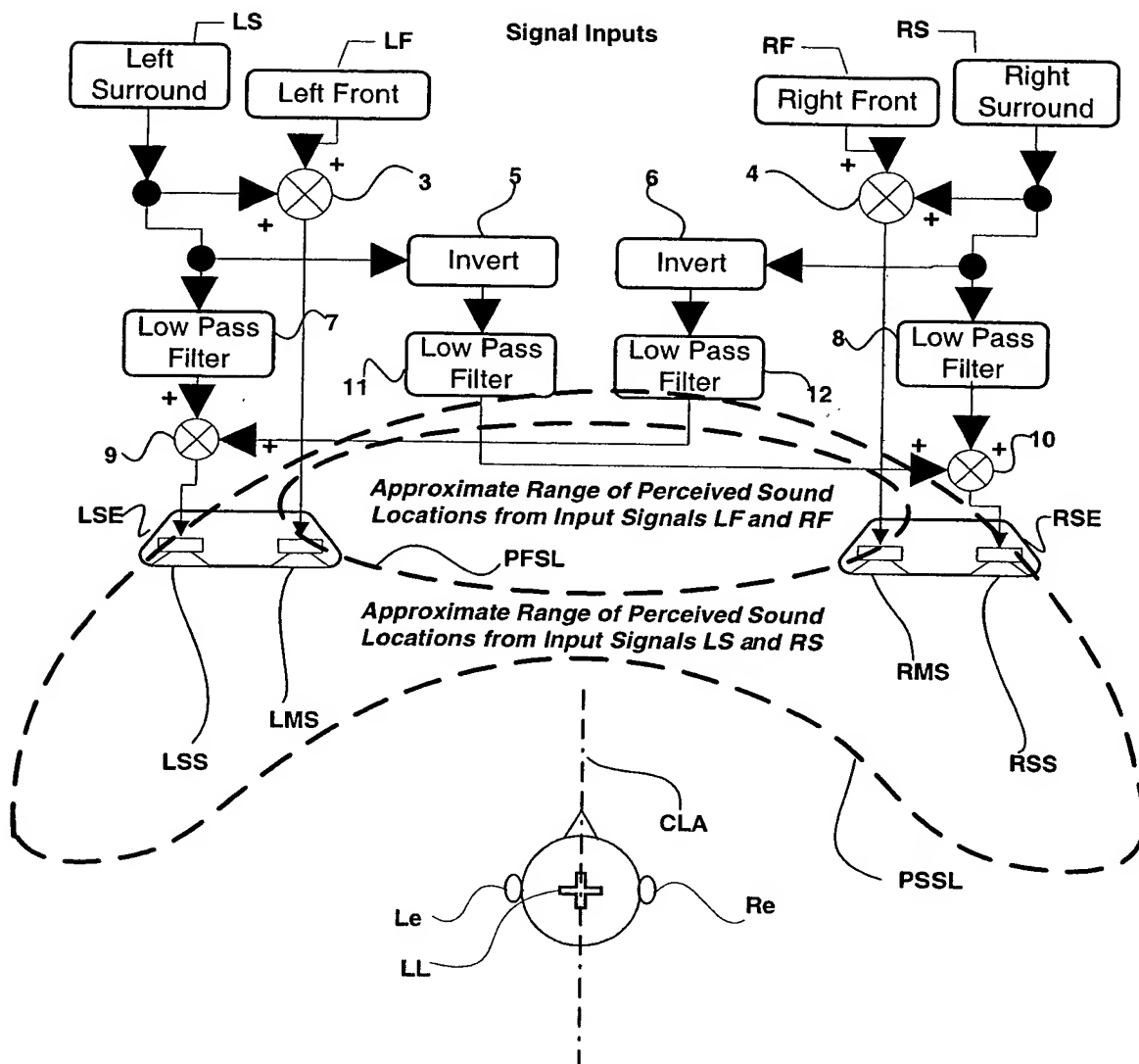


Fig. 19

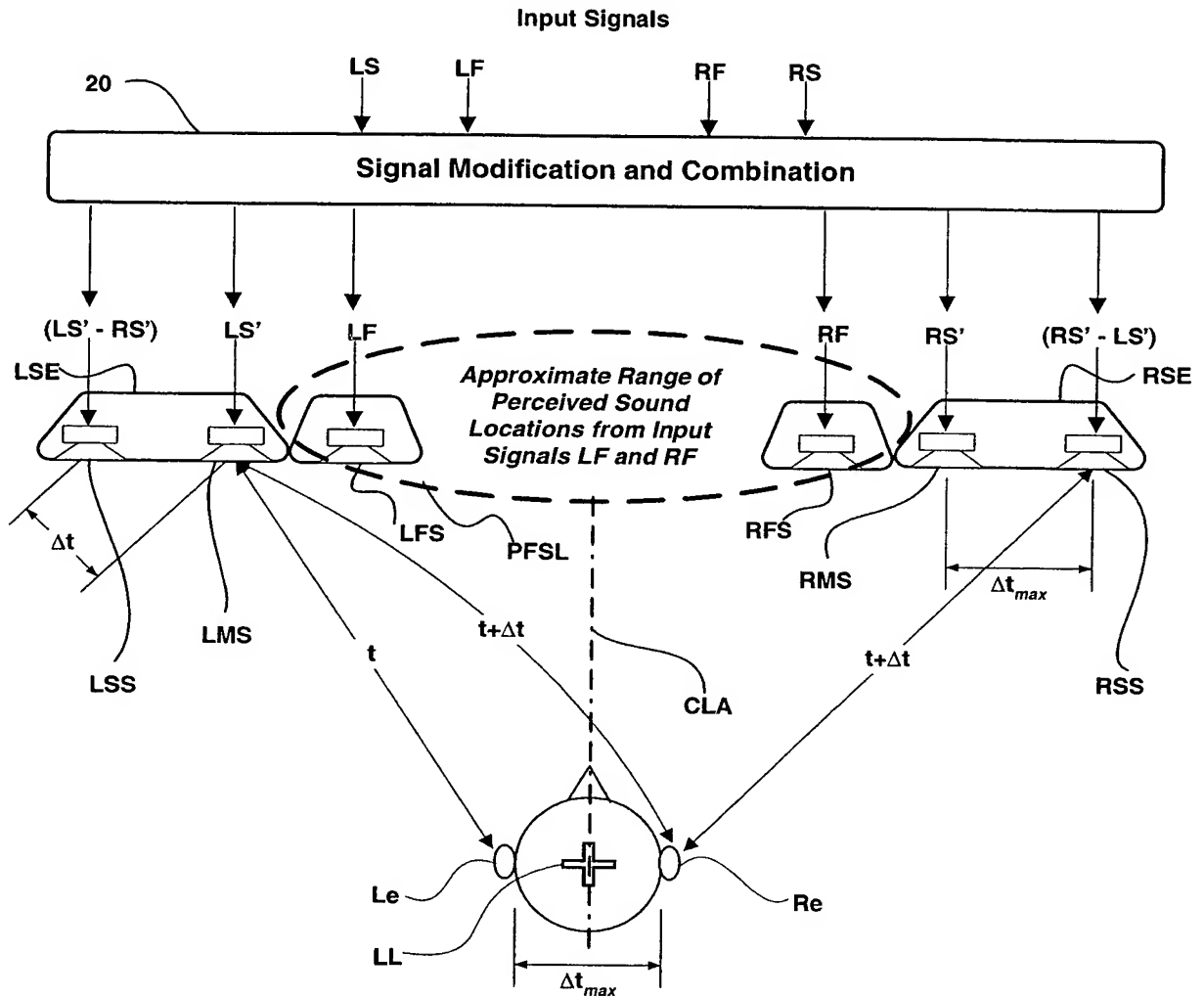


Fig. 20

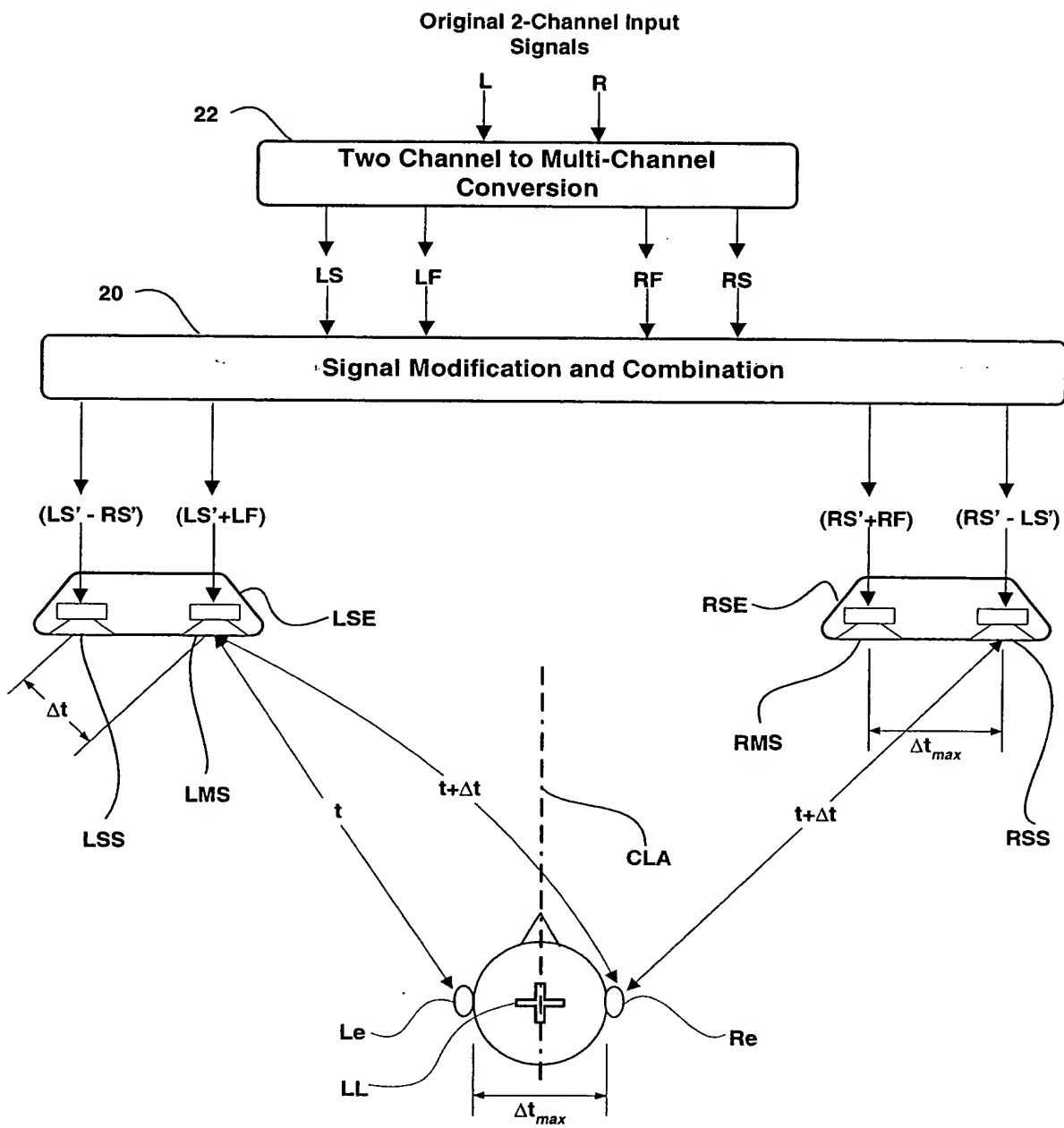


Fig. 21